

FORM PTO-1390 (Rev 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER ZAHFRI P847US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, file 37 CFR 1.53) 107574726
INTERNATIONAL APPLICATION NO. PCT/EP2004/010295	INTERNATIONAL FILING DATE September 15, 2004	PRIORITY DATE CLAIMED October 13, 2003	

TITLE OF INVENTION

METHOD AND DEVICE FOR DETERMINING THE TORQUE ON GEAR SHAFTS

APPLICANT(S) FOR DO/EO/US

Karl-Fritz HEINZELMANN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau. (PCT/IB/308 mailed **28 April 2005**).
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)), with original drawing(s), is attached.
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO/SB/08a.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment w/amended drawings & new formal drawings.
 - ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification w/Marked-Up Version of Amended Specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Preliminary Examination Report <input checked="" type="checkbox"/> Annexes to Pre. Ex. Rep. <input checked="" type="checkbox"/> International Search Report <input checked="" type="checkbox"/> German Novelty Search Report <input checked="" type="checkbox"/> <u>9</u> copies of citations <input checked="" type="checkbox"/> Form PCT/IB/308 <input checked="" type="checkbox"/> International Publ. No. WO 2005/038421 A1 (Face page only) 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Copy of Request <input type="checkbox"/> Submission of Formal Drawings <input type="checkbox"/> <u>2</u> sheets of formal drawings <input checked="" type="checkbox"/> Abstract <input type="checkbox"/> Applicant Claims Small Entity Status <input type="checkbox"/> Copy of Notification of File Missing Parts <input checked="" type="checkbox"/> German Language Specification
---	---

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date **April 6, 2006** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EV 681474420 US** addressed to the: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Michael J. BUJOLD
(typed or printed name of person mailing paper)


(signature of person mailing paper)

17. ■ The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(5)): Search Report has been prepared by the EPO or JPO \$1000.00 International preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(1) .. \$750.00 No international preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(2) but international search fee paid to USPTO (37 CFR 1.445(a)(2)). \$790.00 Neither international preliminary examination fee (37 CFR 1.492)(a)(3) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,110.00 International preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(4) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS	PTO USE ONLY
900					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
0					
Claims	Number Filed	Number Extra	Rate		
Total Claims	7 - 20 =	0	x \$ 50.00		
Independent Claims	2 - 3 =	0	x \$200.00		
Multiple dependent claim(s) (if applicable)			+ \$360.00		
TOTAL OF ABOVE CALCULATIONS =			900		
Reduction by 1/2 for filing by small entity, if applicable. Applicant Claims Small Entity Status. (Note 37 CFR 1.9, 1.27, 1.28).			0		
SUBTOTAL =			900		
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+		
TOTAL NATIONAL FEE =			900		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+		
TOTAL FEES ENCLOSED =			900		
			Amount to be: refunded	\$	
			charged	\$	

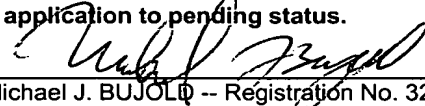
a. ■ A check in the amount of \$ 900.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 04-0213 in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
 Deposit Account No. 04-0213. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:


 Michael J. BUJOLD -- Registration No. 32,018
CUSTOMER NO. 020210
 Davis & Bujold, P.L.L.C.
 Fourth Floor
 500 North Commercial Street
 Manchester, NH 03101-1151
 Telephone (603) 624-9220
 Telefax (603) 624-9229

4/06/06

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Karl-Fritz HEINZELMANN
Serial no. :
For : METHOD AND DEVICE FOR DETERMINING
THE TORQUE ON GEAR SHAFTS
Docket : ZAHFRI P847US

MAIL STOP PCT

The Commissioner for Patents
U.S. Patent & Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450

**SUBMISSION OF PROPOSED DRAWING AMENDMENTS
FOR APPROVAL BY EXAMINER (37 CFR 1.123)
AND NEW REPLACEMENT SHEETS OF DRAWINGS**

Dear Sir:

Attached hereto please find a copy of Figs. 1, 2, 3 and 5 of the pending drawings with red ink markings showing the proposed changes to the drawings of this application for which the approval of the Examiner is requested. **Also enclosed is new Replacement Sheets of drawings which incorporate all of the requested drawing amendments.**

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



Michael J. Bujold, Reg. No. 32,018
Customer No. 020210
Davis & Bujold, P.L.L.C.
Fourth Floor
500 North Commercial Street
Manchester NH 03101-1151
Telephone 603-624-9220
Facsimile 603-624-9229
E-mail: patent@davisandbujold.com

ENGLISH TRANSLATION OF RELEVANCE INDICATED
IN GERMAN SEARCH REPORT

- X: Publications that cast doubt on the novelty or invention level
- Y: Publications that together with other publications cast doubt on the invention level
- A: in general concerning the prior art, technological background
- O: non-written disclosure such as a post-published printed lecture publicly delivered prior to the application or priority date
- P: printed papers published during the priority interval
- T: post-published, non-conflicting publications concerning the theory of the invention object of the application which can be needed for better understanding of the invention or can show that the invention is based on train of ideas of facts that could be erroneous
- E: older applications pursuant to Art. 3, par. 2, Patent Law (in searches pursuant to Art. 43, Patent Law); older utility models pursuant to Art. 15, Utility Model Law (pursuant to Art. 7, Utility Model Law, in searches)
- D: publications already mentioned in the patent application
- L: publications mentioned for special reasons such as in relation to the publication date of a citation or in case of doubts as to the priority